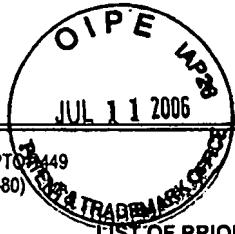


Sheet 1 of 2

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 567.1009	SERIAL NO.: 10/539,850		
				APPLICANT(S): Brian Neil ZEILER			
				FILING DATE: November 18, 2005	GROUP: 1042		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AB						YES NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
J.T.	AC	Axelrod VD, Brown E, Priano C, Mills DR, "Coliphage Q β RNA Replication: RNA Catalytic for Single-Strand Release," Virology; 184 (2): 595-608 (Oct 1991)					
W.Y.	AD	Grosshans, H and Slack, F.J., "Micro-RNAs: Small is Plentiful," The Journal of Cell Biology, 156 (1) : 17-21 (2002)					
W.H.	AE	Biebricher CK, Eigen M, Gardiner WC Jr., "Kinetics of RNA Replication," Biochemistry, 22 (10): 2544-59 (1983 May 10)					
W.H.	AF	Brantl S., "Antisense-RNA Regulation and RNA Interference," Biochim Biophys Acta. 3; 1575 (1-3): 15-25 (2002)					
W.Y.	AG	Elbashir, S. M., Lendeckel, W. , and Tuschl, T., "RNA Interference is Mediated by 21 and 22-nucleotide RNAs," Genes and Development, 15: 188-200 (2000).					
W.Y.	AH	Hutvagner G, Zamore PD., "A MicroRNA in a Multiple-Turnover RNAi Enzyme Complex," Science , Vol. 297, pp.2056-2060 (2002)					
W.H.	AI	Lamontagne B, Larose S, Boulanger J, Elela SA, "The RNase III Family: a Conserved Structure and Expanding Functions in Eukaryotic dsRNA Metabolism," Curr Issues Mol Biol. 3 (4): 71-8 (2001)					
W.H.	AJ	Lindenbach BD, and Rice CM, "RNAi Targeting an Animal Virus: News from the Front," Mol Cell. 9 (5): 925-7 (2002)					
W.H.	AK	Maine, E. M., "RNAi as a Tool for Understanding Germline Development in Caenorhabditis elegans: Uses and Cautions," Dev Biol 239; 177-89 (2001)					
W.H.	AL	Ullu E, Djikeng A, Shi H, and Tschaudi C, "RNA Interference: Advances and Questions," Philos Trans R Soc Lond B Biol Sci. 29; 357 (1417): 65-70 (2002)					
	AM						
	AN						
	AO						
	AP						
	AQ						
EXAMINER				DATE CONSIDERED			
<i>Joyce T</i>				<i>11/22/07</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Sheet 2 of 2

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO.: 567.1009	SERIAL NO.: 10/539,850		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT(S): Brian Neil ZEILER			
										FILING DATE: November 18, 2005	GROUP: 1642		
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J-T	BA	5	6	2	0	8	5	1	04/15/1997	Axelrod et al.	—	—	—
J-T	BB	5	6	3	7	4	5	9	06/10/1997	Burke et al.	—	—	—
	BC												
	BD												
	BE												
	BF												
	BG												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
J-T	BH	9	4	1	6	1	0	6	07/21/1994	WO	—	—	✓
	BI												
	BJ												
	BK												
	BL												
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
J-T	BM	Lizardi P.M. et al.; "Exponential Amplification of Nucleic Acids: New Diagnostics Using DNA Polymerases and RNA Replicases," Trends in Biotechnology, Elsevier Publications, Cambridge, GB, Vol. 9, No. 2, February 1, 1991											
J-T	BN	Luo G. Et al.; "De Novo Initiation of RNA Synthesis by the RNA-dependent RNA polymerase (NS5B) of Hepatitis C November 18, 2005Virus," Journal of Virology, The American Society for Microbiology, U.S., vol. 74, no. 2, January 2, 2000											
J-T	BO	Sun X. et al.; "De Novo RNA Synthesis Catalyzed by HCV RNA-dependent RNA Polymerase," Biochemical and Biophysical Research Communications, Academic Press Inc., Orlando, FL, US, vol. 268, pages 798-803, February 2000											
	BP												
	BQ												
	BR												
	BS												
EXAMINER										DATE CONSIDERED			
<i>Joyce T</i>										<i>11/22/07</i>			

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.: 567.1009	SERIAL NO.: To Be Assigned 10/539850			
									APPLICANT(S): Brian Neil ZEILER				
									FILING DATE: Herewith	GROUP: To Be Assigned			
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>J.T.</i>	AA	5	6	2	0	8	5	1	04/15/1997	Axelrod et al.	435	6	/
	AB	5	6	3	7	4	5	9	06/10/1997	Burke et al.	435	6	/
↓	AC	5	7	4	4	3	0	8	04/28/1998	Guillou-Bonnici et al.	435	6	/
	AD												
	AE												
	AF												
	AG												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
											YES	NO	
	AH												
	AI												
	AJ												
	AK												
	AL												
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
<i>J.T.</i>	AM	Agarwal et al., Microbiology and Molecular Biology Reviews, December 2003, Vol. 67(4) pp. 657-685.											
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	AO												
	AP												
	AQ												
	AR												
	AS												
EXAMINER										DATE CONSIDERED	<i>Jayne</i> 11/22/07		

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